

**DESIGN**

*Masterpieces*

**IN THE MODERN MODE**

**CROSS PERFORATED METALS**

**CROSS PERFORATED METALS  
NATIONAL-STANDARD COMPANY  
*Carbondale, Pennsylvania***

# CROSS EXHIBITS

ARCHITECTS INTERNATIONAL  
BUREAU OF BUILDING PRODUCTS  
Dupont Plaza Center, Miami 32, Florida

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ARCHITECTS BUILDING  
101 Park Avenue, New York 17, N. Y.

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## SALES AGENCIES IN PRINCIPAL CITIES

*CROSS Warehouse Items are  
available for immediate delivery  
in all trade areas of the  
United States and Canada*

*Manufacturing Plant and Offices  
CARBONDALE, PENNSYLVANIA  
Telephone 300*

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**SOUTH WEST MILL SUPPLY CO.**  
P. O. BOX 7455  
NORTH KANSAS CITY, MO.

## **Cross Standards and Cross Styling**

**CROSS Perforated Metals**  
*are rigid one-piece units with*  
*uniformly spaced ORNAMENTAL*  
**DESIGN PERFORATIONS.**

CROSS PERFORATED METALS are Die-Perforated by a cutting and shearing process, accomplished by CROSS scientifically designed and precision-made tools. The clearance between punches and dies is proportioned to a specific thickness and analysis of steel. Thus, perforations are clean-walled and free from burr. Sheets are fed progressively through the tools by accurate spacing mechanisms and Ungerer Roller leveled.



**—A Plus Quality Product**

## END USES

### **"CROSS" PERFORATED METALS**

contribute definite and tangible **ECONOMY** and **UTILITY** values in the manufacture of these and many other products.

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**Ventilation for:** Rooms, Closets, Lockers, Cabinets and Grain Storage Bins

Heating Systems • Refrigeration Units • Air Conditioning Systems • Ventilating Panels and Covers for Electrical, Radio, Television, and Signal Devices • Hampers • Driers • Baskets • Enclosures • Hand Bags • Beach Bags • Medicine, Sterilizing, and Utility Cabinets • Ironing Board Tops • Shelving • Space Heaters • Fire Place Screens • Folding Screens • Shields • Baffles • Food Storage Compartments • Industrial Boxes • Pans • Trays • Racks • Display Units • Exhibits • Lighting Fixtures • Lamps • Light Diffusers • Rubbish Burners • Fences • Gates • Metal Furniture and Accessories • Screen Door Guards • Fan Guards • Window Guards • Switchboard Enclosures

**Guards for:** Machines, Belts, Pulleys, Gears, Chains, Skylights, Shafts, Hot Pipes, High Voltage Wires, Cellarways, Elevators

**Baskets for:** Dipping, Pickling, Heat Treating, Etc.

**Room Dividers and Partitions for:** Blue Print Rooms, Tool Rooms, Stock Rooms, Storage Rooms, Restaurants, Stores, Warehouses, Homes and Gardens

Rabbit Hutches • Poultry Coops • Cages • Rat Proofing • Parts for Portable Trucks and Wagons • Handling Equipment • Forwarding Trucks • Bus and Motor Car Fronts • Luggage Racks • Truck Body Enclosures • Screens • Reinforcements • Angles • Strapping • Platforms • Testing Equipment • Acoustical Installations • Sound Conditioning • Strainers • Filters • Lubricating Devices • Drains • Home Appliances • Hospital Equipment • Communication Instruments • Table Tops • Picture Frames • Clock Cases • Beds • Headboards • Trim for Tables, Trays, Baskets

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## **MODERN AND DISTINCTIVE FOR VENTILATION CONCEALMENT SAFEGUARDING AND SCREENING**

A Quality Product combining . . . Safety . . . Durability . . . Sanitation . . . Rigidity . . . Strength . . . and Decoration. Can be Sheared, Formed, Framed, Welded, Painted, Enameled, Lacquered, Plated, and otherwise Finished, **ECONOMICALLY.**

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The Price of this Material Reflects the Advantages of Large Scale Production Economy and Modern Distribution Methods.

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**“CROSS STANDARDS” of Perforated Metals  
SAVE LABOR and CRITICAL MATERIALS  
when used for GENERAL COMPONENTS;  
and for MAINTENANCE and REPAIR**

## CROSS Crystal

(5/8" Diagonal Squares, Straight Rows)



Maximum Sheet Width 36"

Open Area 34.6%

Maximum Sheet Thickness

Cross "Q" Quality Steel .036"

Cross "Z" Quality Steel .040"

Cross "A" Quality Aluminum .063"

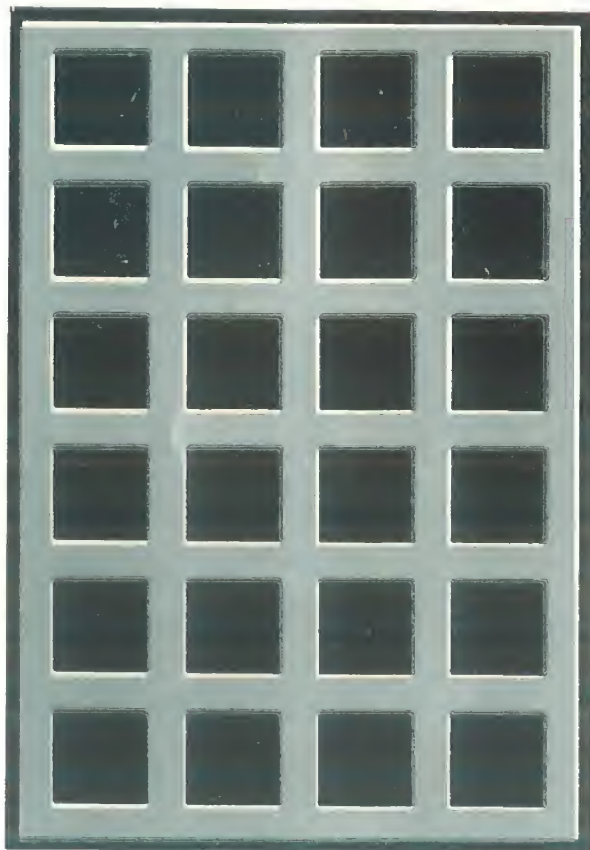
Specifications and Standard Sheet Sizes — Pages 42 and 43

All photographic reproductions shown are actual samples—not reduced or enlarged. SAMPLES ON REQUEST.



## CROSS Lattice

(1/2" Squares, Straight Rows, 3/16" Bars)



Maximum Sheet Width 48"

Open Area 52.9%

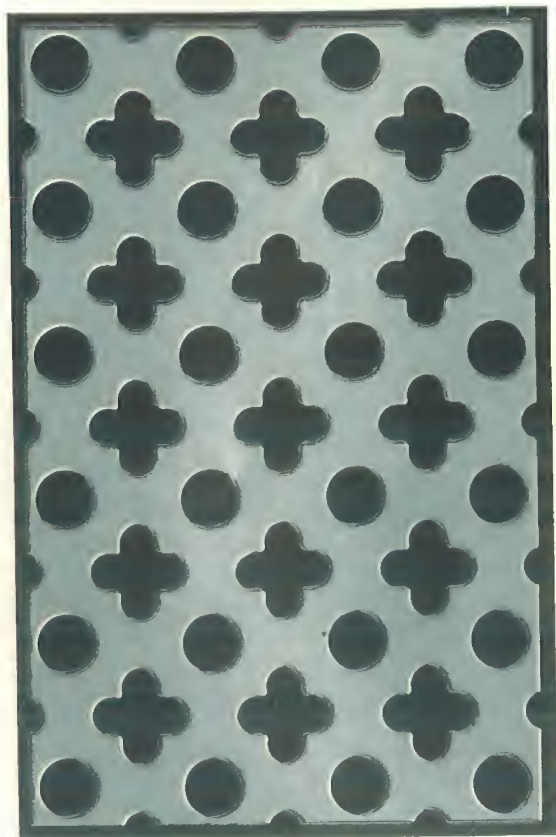
Maximum Sheet Thickness

Cross "Q" Quality Steel	.06"
Cross "Z" Quality Steel	.052"
Cross "A" Quality Aluminum	.063"

Specifications and Standard Sheet Sizes — Pages 42 and 43

## CROSS Round Clover Leaf

(1/2" Clovers, 5/16" Rounds)



Maximum Sheet Width 36"

Open Area 40%

Maximum Sheet Thickness

Cross "Q" Quality Steel	.036"
Cross "Z" Quality Steel	.034"
Cross "A" Quality Aluminum	.063"

Specifications and Standard Sheet Sizes — Pages 42 and 43

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NORTH KANSAS CITY, MO.



## CROSS Guard

(1/2" Rounds, 11/16" Staggered Centers)



Maximum Sheet Width 48"      Open Area 47.95%

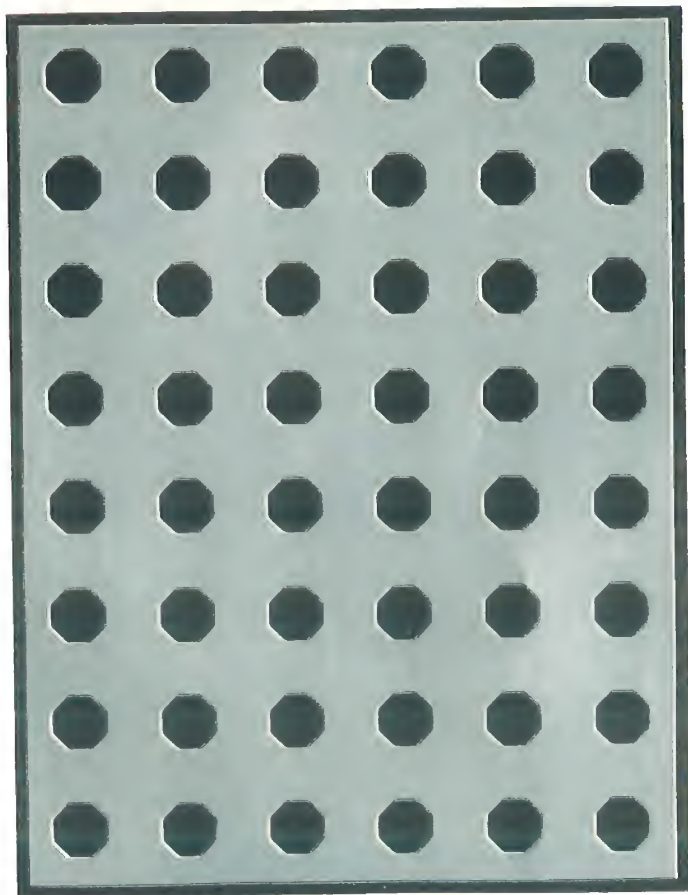
### Maximum Sheet Thickness

Cross "Q" Quality Steel	.06"
Cross "Z" Quality Steel	.052"
Cross "A" Quality Aluminum	.063"

Specifications and Standard Sheet Sizes — Pages 42 and 43

## CROSS Motif

(9/32" Octagons, Straight Rows)



Maximum Sheet Width 48"

Open Area 20.7%

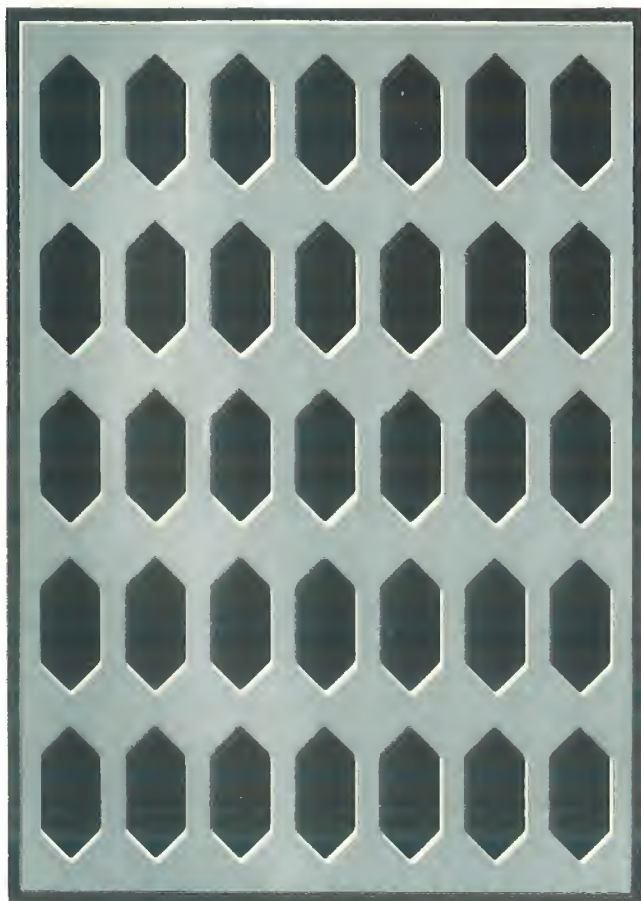
### Maximum Sheet Thickness

Cross "Q" Quality Steel	.036"
Cross "Z" Quality Steel	.040"
Cross "A" Quality Aluminum	.063"

Specifications and Standard Sheet Sizes — Pages 42 and 43

## CROSS Normandy

(5/16" x 11/16" Pointed Slots)



Maximum Sheet Width 36"

Open Area 47.1%

Maximum Sheet Thickness

Cross "Q" Quality Steel .036"

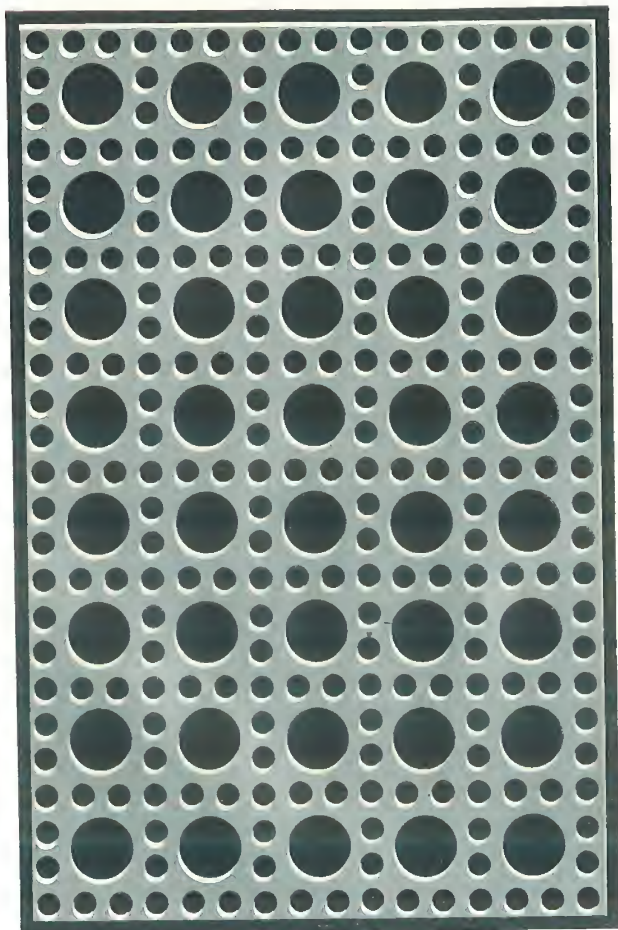
Cross "Z" Quality Steel .034"

Cross "A" Quality Aluminum .063"

Specifications and Standard Sheet Sizes — Pages 42 and 43

## CROSS Round Cane

(5/16" and 7/64" Rounds)



Maximum Sheet Width 36"

Open Area 39%

Maximum Sheet Thickness

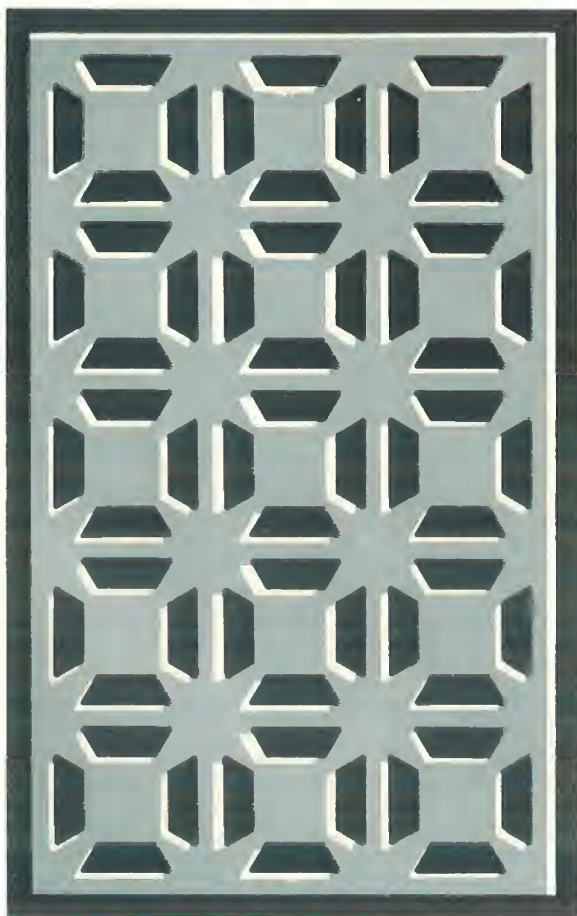
Cross "Q" Quality Steel .036"

Cross "Z" Quality Steel .040"

Cross "A" Quality Aluminum .063"

Specifications and Standard Sheet Sizes — Pages 42 and 43

## CROSS *Star*



Maximum Sheet Width 48"

Open Area 33.3%

Maximum Sheet Thickness

Cross "Q" Quality Steel .036"

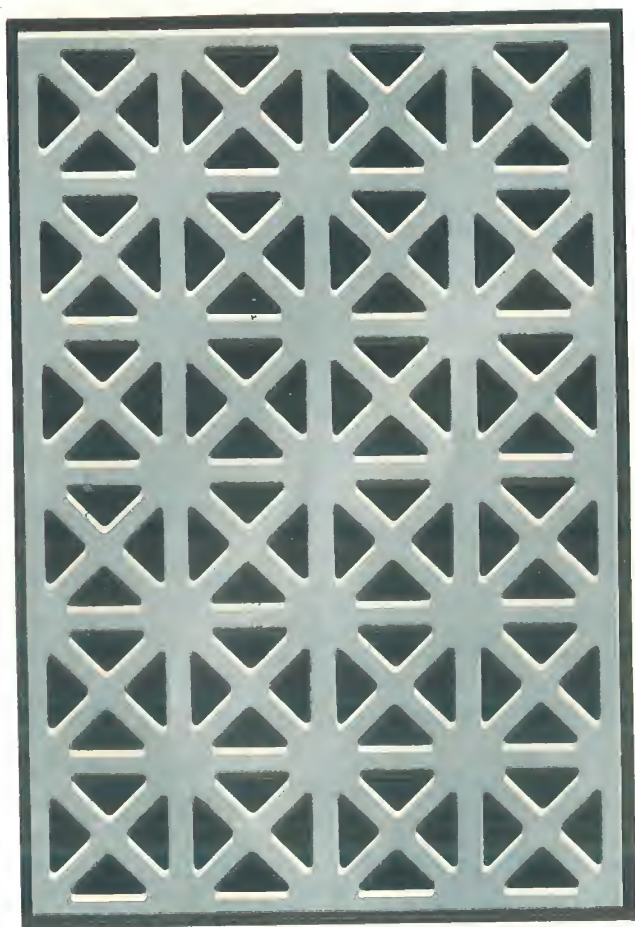
Cross "Z" Quality Steel .034"

Cross "A" Quality Aluminum .063"

Specifications and Standard Sheet Sizes — Pages 42 and 43



## CROSS Grecian



Maximum Sheet Width 48"

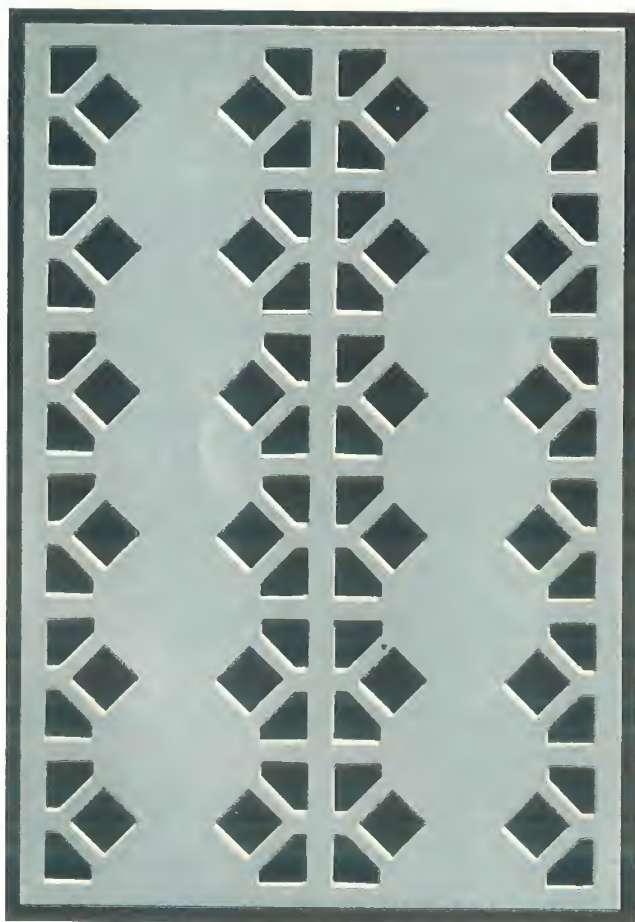
Open Area 35%

Maximum Sheet Thickness

Cross "Q" Quality Steel	.036"
Cross "Z" Quality Steel	.034"
Cross "A" Quality Aluminum	.063"

Specifications and Standard Sheet Sizes — Pages 42 and 43





Maximum Sheet Width 48"

Open Area 27.9%

Maximum Sheet Thickness

Cross "Q" Quality Steel .036"

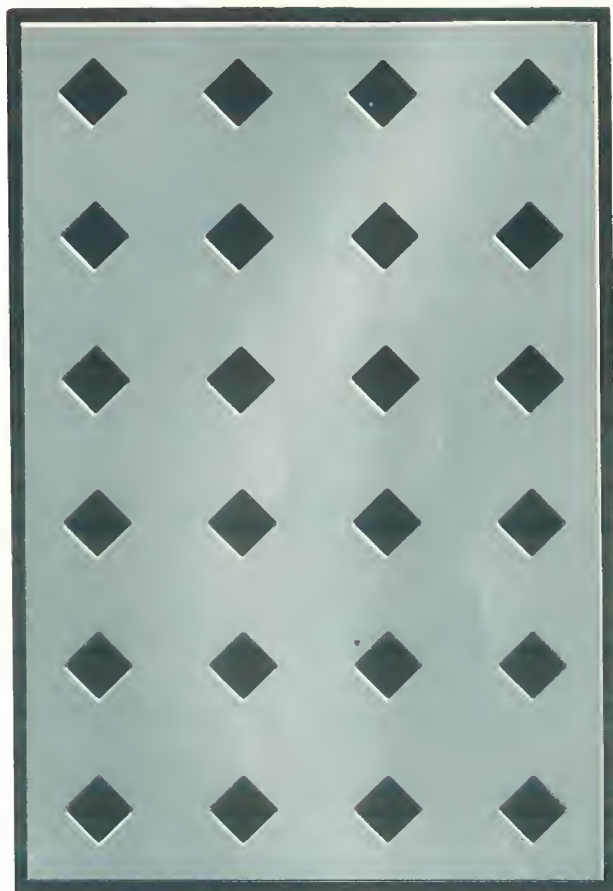
Cross "Z" Quality Steel .034"

Cross "A" Quality Aluminum .063"

Specifications and Standard Sheet Sizes — Pages 42 and 43

## CROSS Gem

(1/4" Diagonal Squares, Straight Rows)



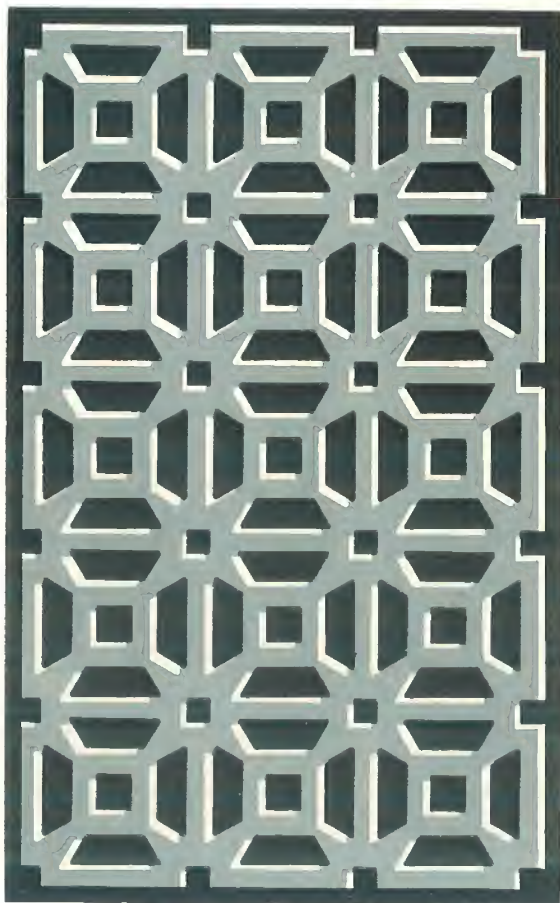
Maximum Sheet Width 48"

Open Area 11.1%

Maximum Sheet Thickness

Cross "Q" Quality Steel	.036"
Cross "Z" Quality Steel	.034"
Cross "A" Quality Aluminum	.063"

Specifications and Standard Sheet Sizes — Pages 42 and 43



Maximum Sheet Width 48"

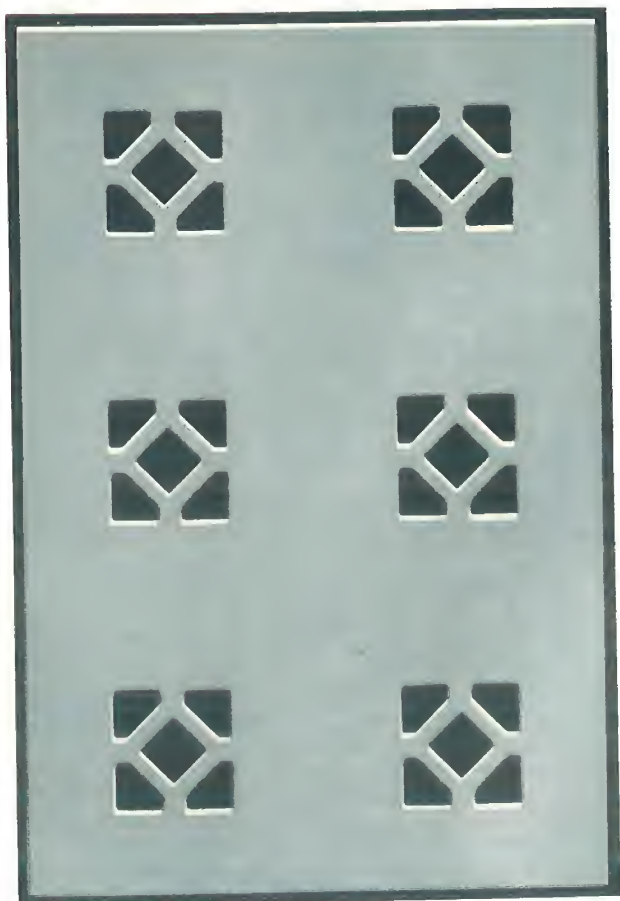
Open Area 40%

Maximum Sheet Thickness

Cross "Q" Quality Steel	.036"
Cross "Z" Quality Steel	.034"
Cross "A" Quality Aluminum	.063"

Specifications and Standard Sheet Sizes — Pages 42 and 43

## CROSS Regal



Maximum Sheet Width 48"

Open Area 11.2%

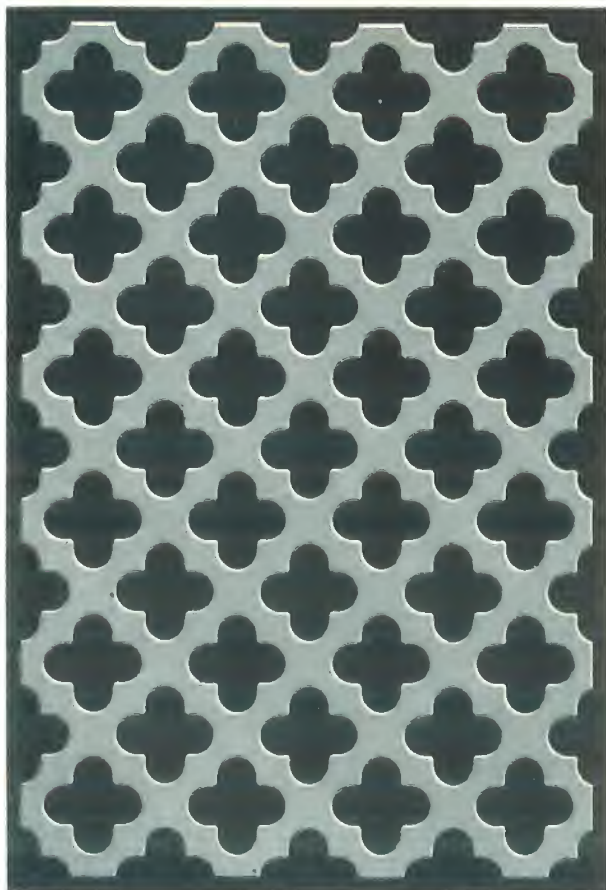
### Maximum Sheet Thickness

Cross "Q" Quality Steel	.036"
Cross "Z" Quality Steel	.034"
Cross "A" Quality Aluminum	.063"

Specifications and Standard Sheet Sizes — Pages 42 and 43

## CROSS Full Clover Leaf

(1/2" Clovers, Staggered)



Maximum Sheet Width 36"

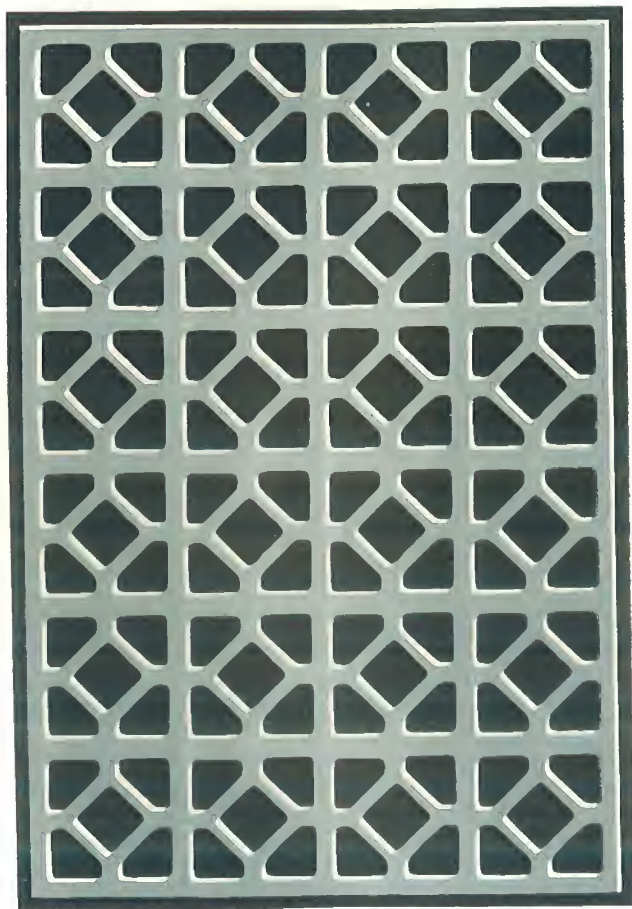
Open Area 51%

Maximum Sheet Thickness

Cross "Q" Quality Steel	.036"
Cross "Z" Quality Steel	.034"
Cross "A" Quality Aluminum	.063"

Specifications and Standard Sheet Sizes — Pages 42 and 43

## CROSS Windsor



Maximum Sheet Width 48"

Open Area 44.7%

### Maximum Sheet Thickness

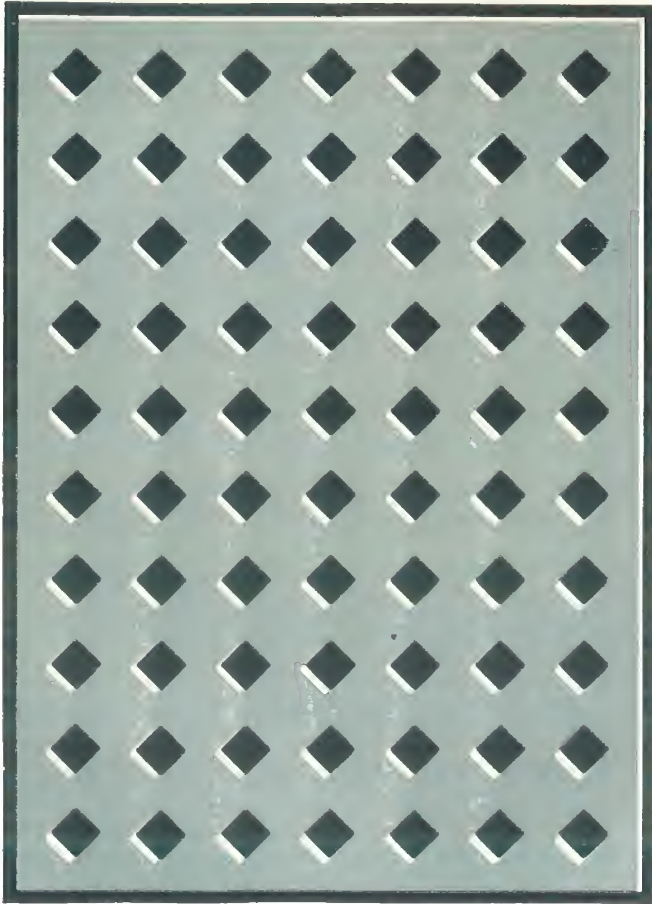
Cross "Q" Quality Steel	.036"
Cross "Z" Quality Steel	.034"
Cross "A" Quality Aluminum	.063"

Specifications and Standard Sheet Sizes — Pages 42 and 43



## CROSS Jewel

(3/16" Diagonal Squares, Straight Rows)



Maximum Sheet Width 36"

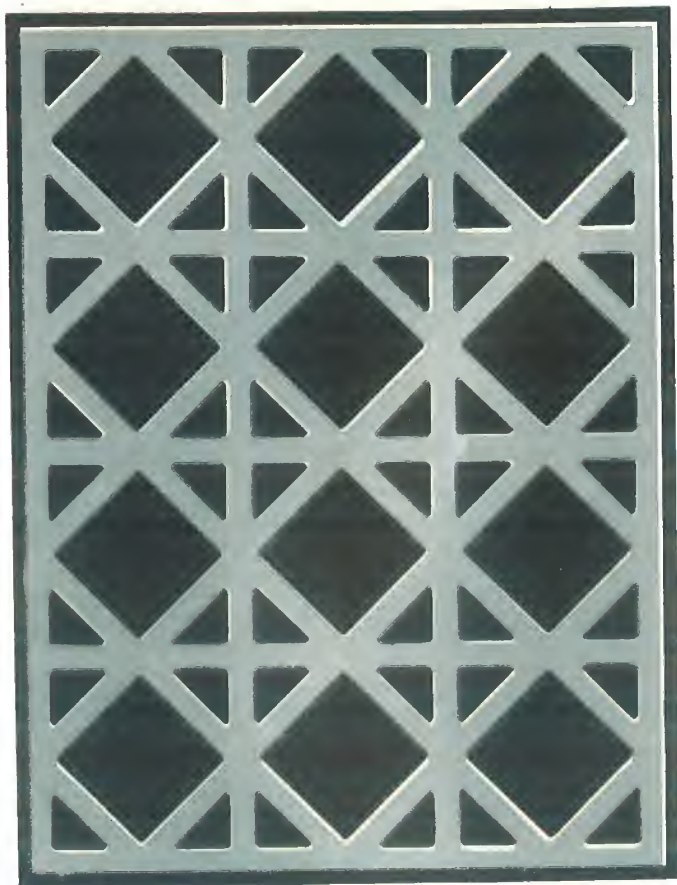
Open Area 18.4%

Maximum Sheet Thickness

Cross "Q" Quality Steel	.036"
Cross "Z" Quality Steel	.034"
Cross "A" Quality Aluminum	.063"

Specifications and Standard Sheet Sizes — Pages 42 and 43

## CROSS Roman



Maximum Sheet Width 36"

Open Area 55.5%

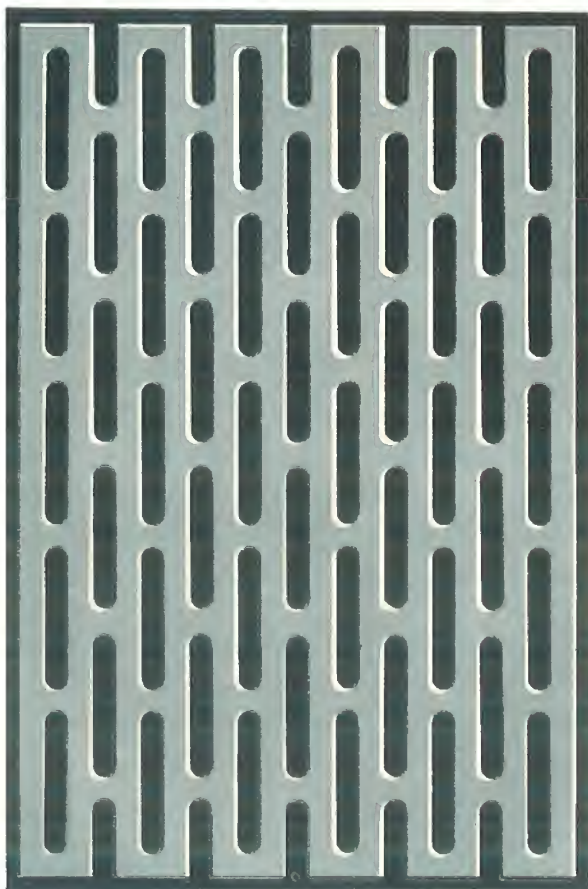
### Maximum Sheet Thickness

Cross "Q" Quality Steel	.036"
Cross "Z" Quality Steel	.040"
Cross "A" Quality Aluminum	.063"

Specifications and Standard Sheet Sizes — Pages 42 and 43

## CROSS Moire

(1/8 x 3/4" Slots, side staggered, 1/8" Bars)



Maximum Sheet Width 36"

Open Area 41.3%

### Maximum Sheet Thickness

Cross "Q" Quality Steel	.06"
Cross "Z" Quality Steel	.052"
Cross "A" Quality Aluminum	.063"

Specifications and Standard Sheet Sizes — Pages 42 and 43

## CROSS Cage

(5/8" Squares, Straight Rows, 1/4" Bars)



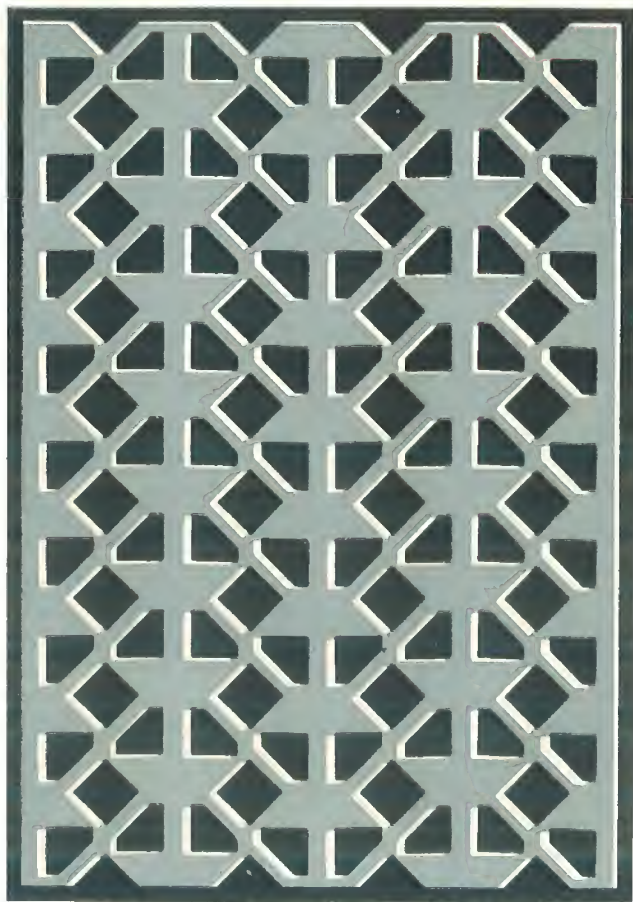
Maximum Sheet Width 36"

Open Area 51%

Maximum Sheet Thickness

Cross "Q" Quality Steel	.06"
Cross "Z" Quality Steel	.052"
Cross "A" Quality Aluminum	.063"

Specifications and Standard Sheet Sizes — Pages 42 and 43



Maximum Sheet Width 48"

Open Area 40.9%

Maximum Sheet Thickness

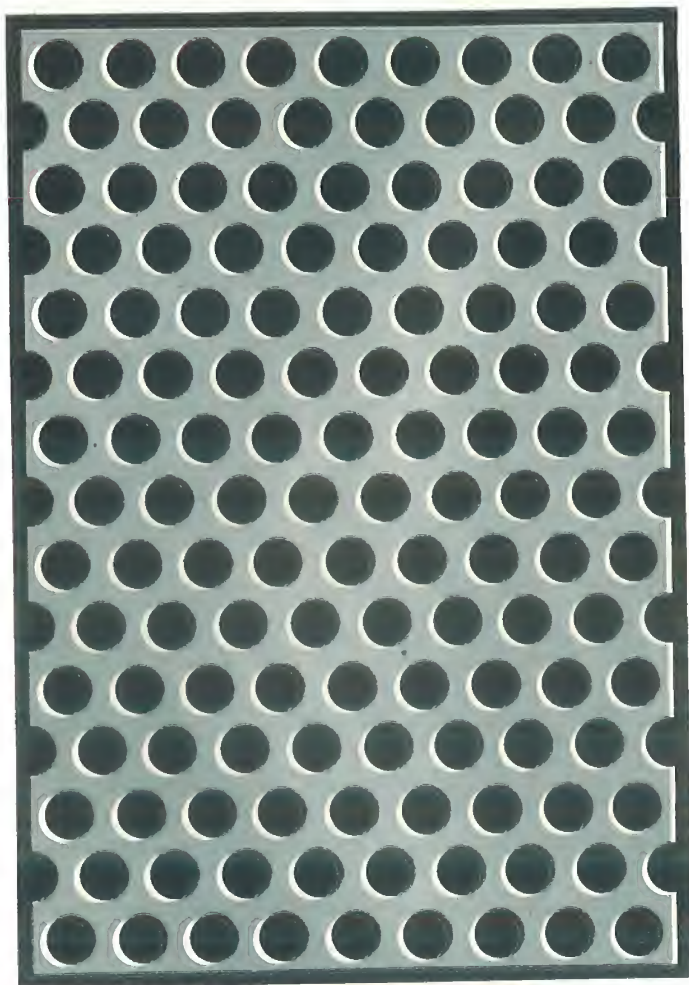
Cross "Q" Quality Steel	.036"
Cross "Z" Quality Steel	.034"
Cross "A" Quality Aluminum	.063"

Specifications and Standard Sheet Sizes — Pages 42 and 43



## CROSS Utility

(1/4" Rounds, 3/8" Staggered Centers)



Maximum Sheet Width 48"

Open Area 40.28%

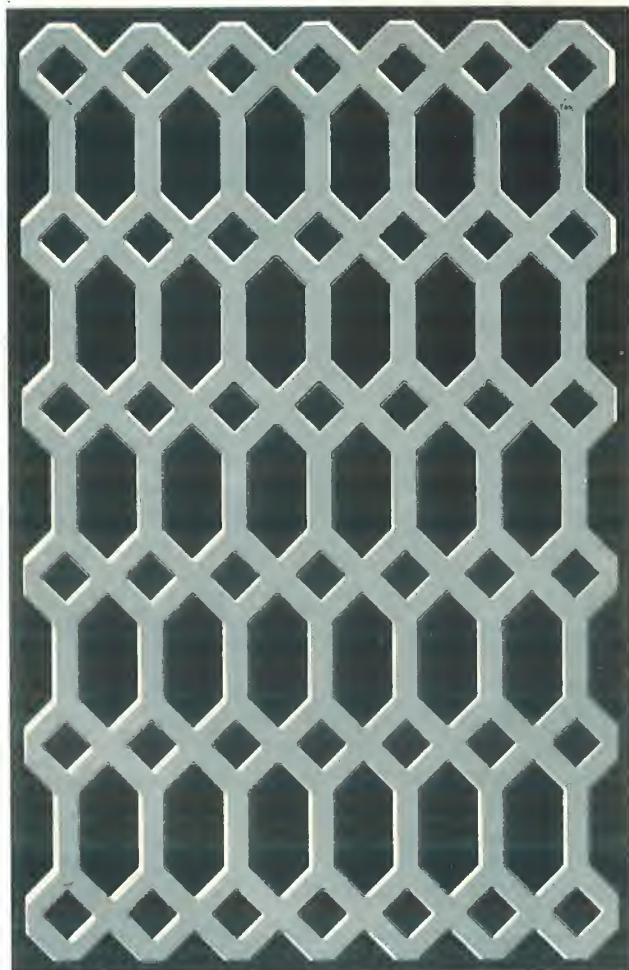
Maximum Sheet Thickness

Cross "Q" Quality Steel	.06"
Cross "Z" Quality Steel	.052"
Cross "A" Quality Aluminum	.063"



## CROSS Temple

(5/16" x 11/16" Pointed Slots,  
3/16" Diagonal Squares, 1/8" Bars)



Maximum Sheet Width 36"

Open Area 56%

Maximum Sheet Thickness

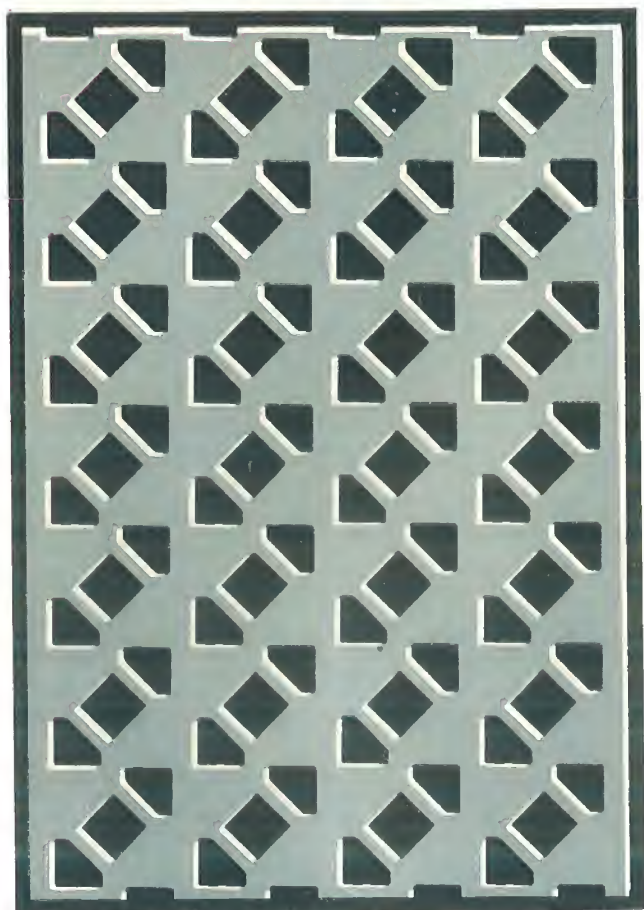
Cross "Q" Quality Steel .036"

Cross "Z" Quality Steel .034"

Cross "A" Quality Aluminum .063"

Specifications and Standard Sheet Sizes — Pages 42 and 43

## CROSS Rocket



Maximum Sheet Width 48"

Open Area 32.7%

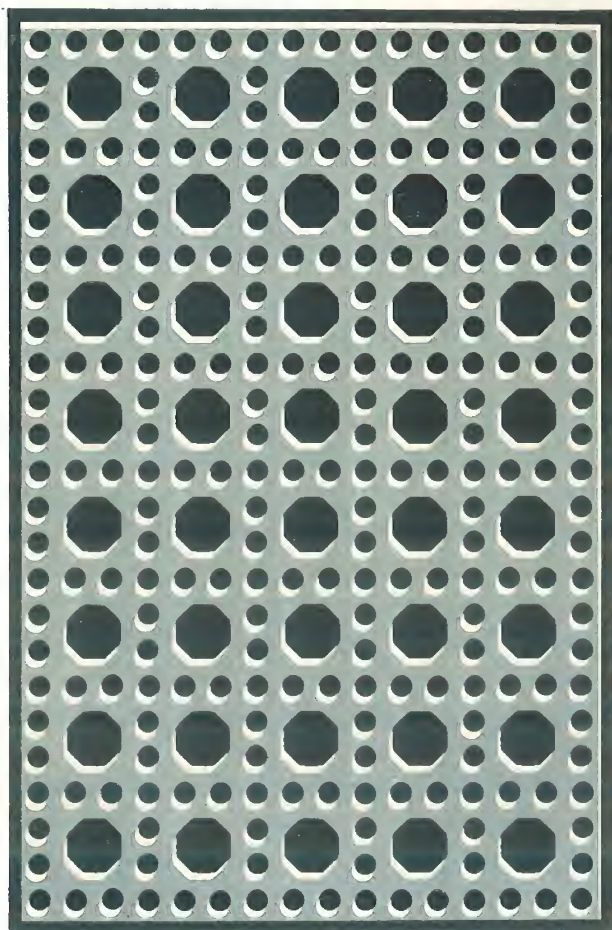
### Maximum Sheet Thickness

Cross "Q" Quality Steel	.036"
Cross "Z" Quality Steel	.034"
Cross "A" Quality Aluminum	.063"

Specifications and Standard Sheet Sizes — Pages 42 and 43

## CROSS Octagon Cane

(9/32" Octagons, 7/64" Rounds)



Maximum Sheet Width 48"

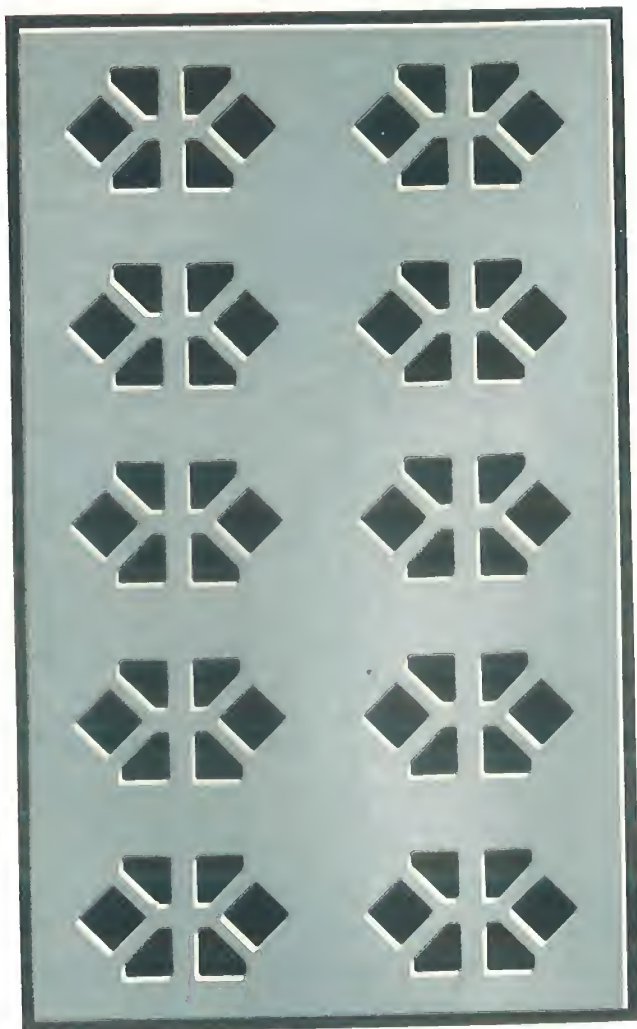
Open Area 36%

Maximum Sheet Thickness

Cross "Q" Quality Steel	.036"
Cross "Z" Quality Steel	.040"
Cross "A" Quality Aluminum	.063"

Specifications and Standard Sheet Sizes — Pages 42 and 43

## CROSS Medallion



Maximum Sheet Width 48"

Open Area 20.3%

### Maximum Sheet Thickness

Cross "Q" Quality Steel	.036"
Cross "Z" Quality Steel	.034"
Cross "A" Quality Aluminum	.063"

## CROSS Arbor

(3/4" Squares, 1" Centers, 1/4" Bars)



Maximum Sheet Width 48"

Open Area 56.3%

### Maximum Sheet Thickness

Cross "Q" Quality Steel	.06"
Cross "Z" Quality Steel	.052"
Cross "A" Quality Aluminum	.063"



## CROSS Trellis

(13/16" Squares, 1" Centers, 3/16" Bars)



Maximum Sheet Width 48"

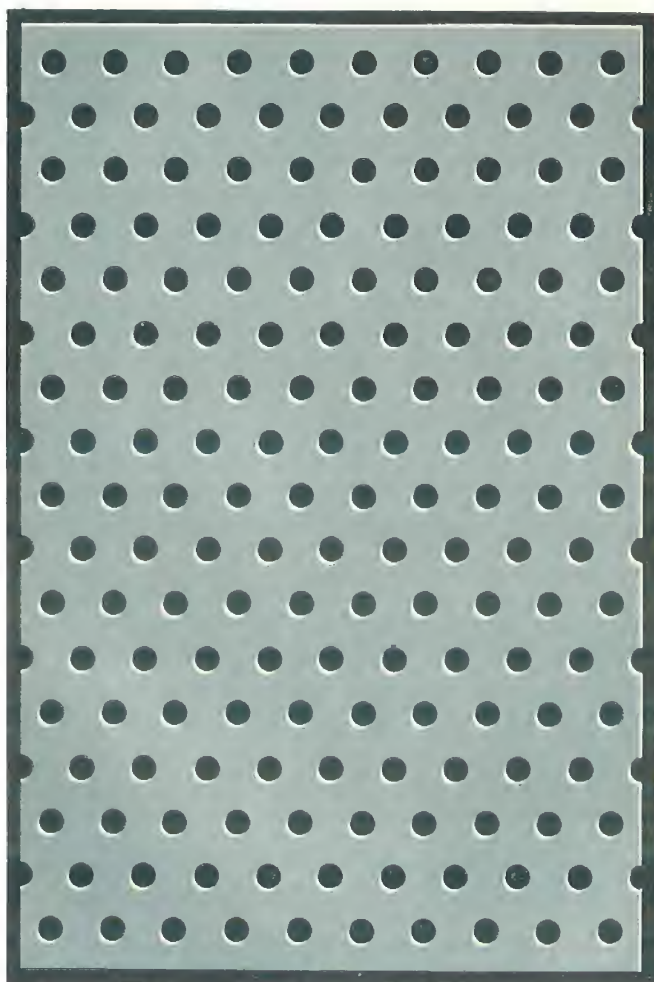
Open Area 66%

### Maximum Sheet Thickness

Cross "Q" Quality Steel	.06"
Cross "Z" Quality Steel	.052"
Cross "A" Quality Aluminum	.063"

## CROSS Acoustical

(1/8" Rounds, .3247" Staggered Centers)



Maximum Sheet Width 48"

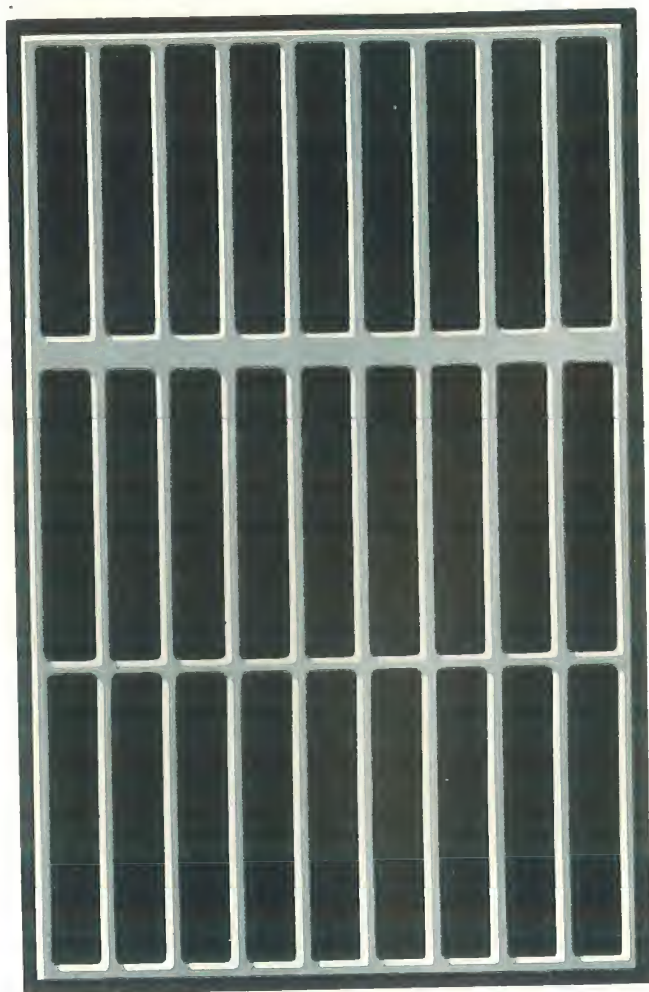
Open Area 13.44%

Maximum Sheet Thickness

Cross "Q" Quality Steel	.06"
Cross "Z" Quality Steel	.052"
Cross "A" Quality Aluminum	.063"

## CROSS Airline

(1/4 x 1-1/2" Rectangular Slots, Straight Rows widthwise;  
3/32" Bars—every 3rd Bar lengthwise is 3/16")



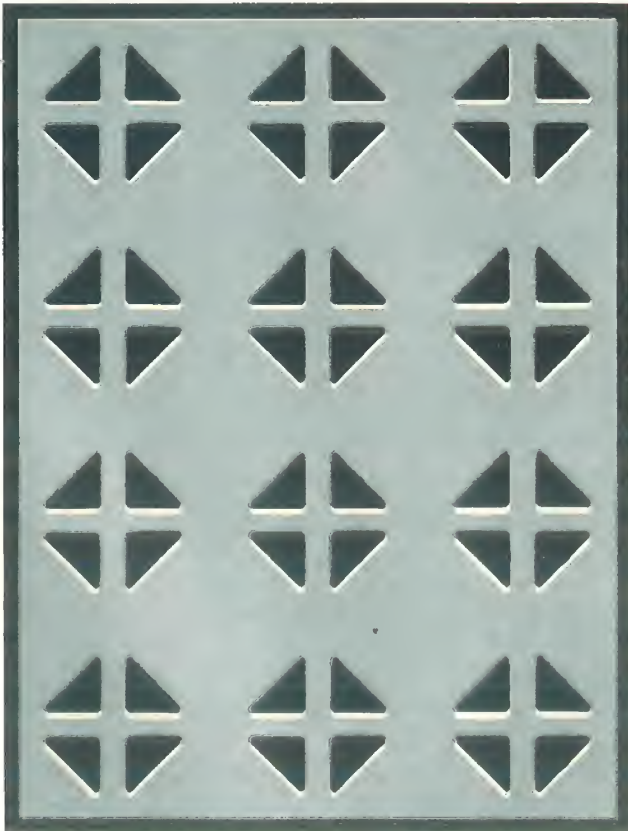
Maximum Sheet Width 36"

Open Area 68%

Maximum Sheet Thickness

Cross "Q" Quality Steel	.06"
Cross "Z" Quality Steel	.052"
Cross "A" Quality Aluminum	.063"

Specifications and Standard Sheet Sizes — Pages 42 and 43



Maximum Sheet Width 36"

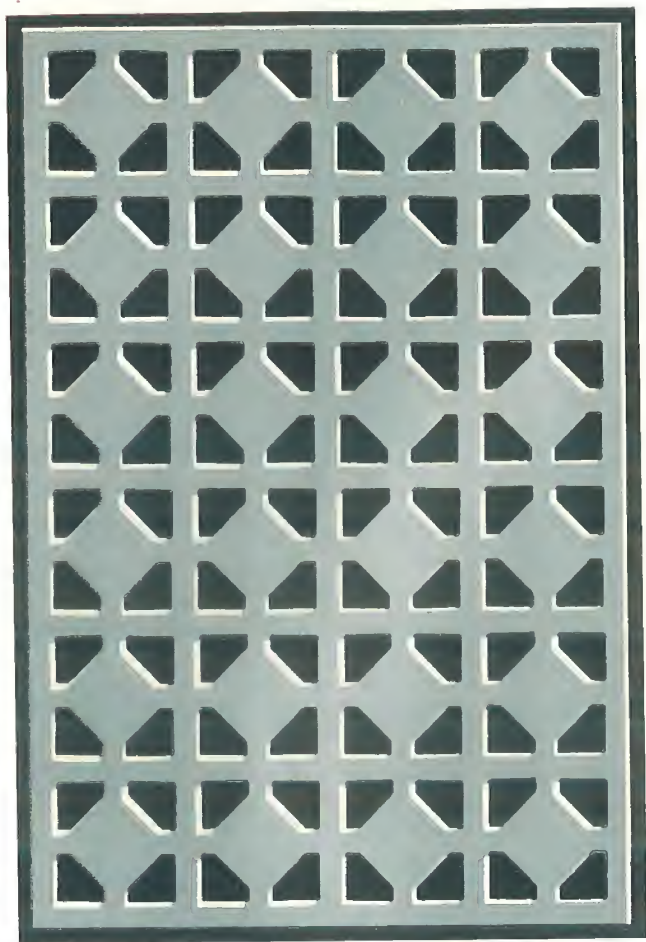
Open Area 20.9%

Maximum Sheet Thickness

Cross "Q" Quality Steel	.036"
Cross "Z" Quality Steel	.034"
Cross "A" Quality Aluminum	.063"

Specifications and Standard Sheet Sizes — Pages 42 and 43

## CROSS Imperial



Maximum Sheet Width 48"

Open Area 33.6%

### Maximum Sheet Thickness

Cross "Q" Quality Steel	.036"
Cross "Z" Quality Steel	.034"
Cross "A" Quality Aluminum	.063"

Specifications and Standard Sheet Sizes — Pages 42 and 43





Maximum Sheet Width 36"

Open Area 38%

Maximum Sheet Thickness

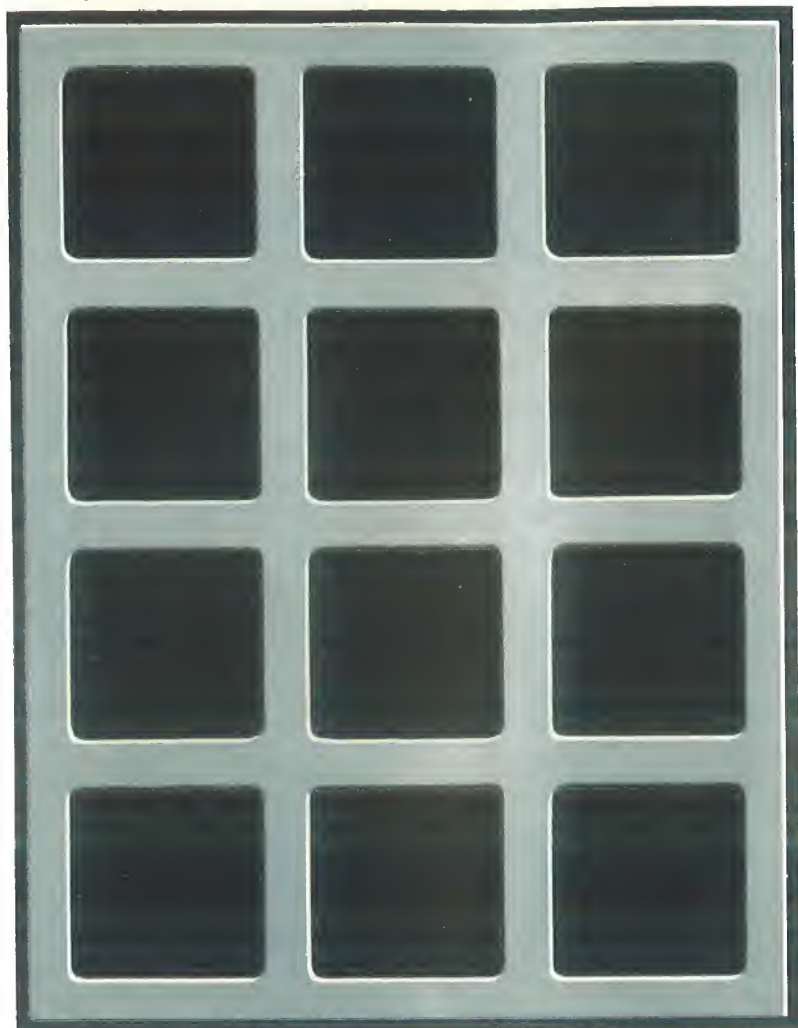
Cross "Q" Quality Steel	.036"
Cross "Z" Quality Steel	.034"
Cross "A" Quality Aluminum	.063"

Specifications and Standard Sheet Sizes — Pages 42 and 43

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**P. O. BOX 7455**  
**NORTH KANSAS CITY, MO.**

## CROSS Empire

(1" Squares, 1-1/4" Centers, 1/4" Bars)



Maximum Sheet Width 48"

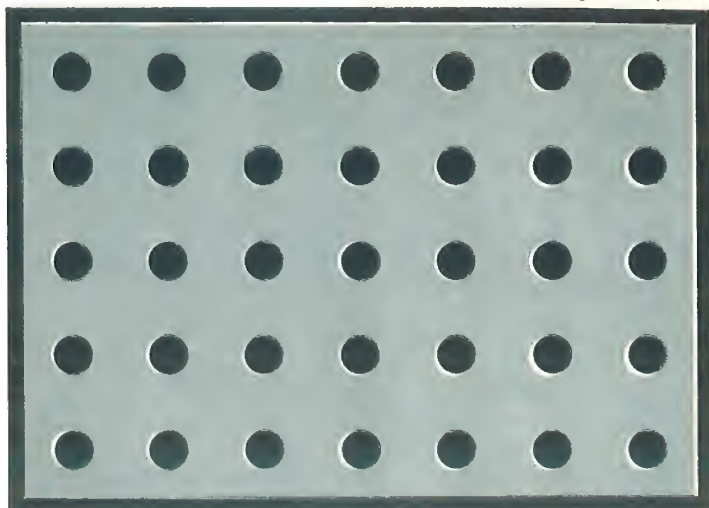
Open Area 64%

Maximum Sheet Thickness

Cross "Q" Quality Steel	.06"
Cross "Z" Quality Steel	.052"
Cross "A" Quality Aluminum	.063"

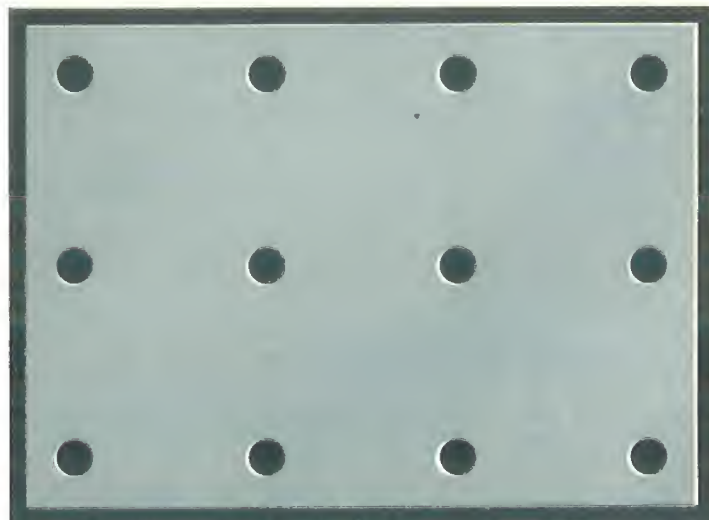
## CROSS Peg Metal

(3/16" Rounds, 1/2" Straight Rows)  
(3/16" Rounds, 1" Straight Rows)



Maximum Sheet Width 48"

Open Area 11.04%



Maximum Sheet Width 48"

Open Area 2.76%

Maximum Sheet Thickness

Cross "Q" Quality Steel	.06"
Cross "Z" Quality Steel	.052"
Cross "A" Quality Aluminum	.063"

Specifications and Standard Sheet Sizes — Pages 42 and 43

## SPECIFICATION DETAIL

The following specification detail is necessary for prompt, accurate, and economical handling of inquiries and orders.

- 1 Detail of Use.
  - 2 Quality of Metal. Gauge and Thickness required.
  - 3 Quantity. State exact quantity required; or, specify plus or minus quantity acceptable.
  - 4 Size. Over-all Width and Length in inches. Specify which dimension is the width, and which is the length.
  - 5 Size Tolerances. Specify Cross mill size tolerances acceptable; or, state size required, with plus or minus size tolerances.
  - 6 Name of Design.
  - 7 Blank Margins: Specify Cross Standard Margins acceptable, or, furnish sketch or print.
- 

## CROSS STANDARDS ARE MOST ECONOMICAL TO MANUFACTURE AND FABRICATE

CROSS STANDARDS provide maximum perforated area and practical margins; approximately  $\frac{1}{2}$  to 1" parallel with width — approximately  $\frac{1}{4}$  to  $\frac{1}{2}$ " parallel with length.

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### METHODS OF SHEARING CROSS STANDARD SIZE SHEETS:

1. Panel Effect, along narrow bar around units of design.
2. To required dimension, with design of Perforation centered.
3. Random, through the Perforations.

*Design illustrations show methods 1 and 2.*

Sheared pieces can be framed with Mouldings; or inserted within the design of a manufactured unit.

The ENDS of Perforated Sheets vary in accordance with Tool arrangement of each Design.

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### Special Specifications:

Blank Strips can be provided *lengthwise* of Standard Size Sheets by special arrangement of tools and manufacturing facilities. This operation creates extra SETUP and LEVELING Costs.

Blank Strips can be provided *widthwise* of Standard Size Sheets. This operation creates extra SETUP, PERFORATING, and LEVELING Costs.

It is not practical to manufacture by mass production methods, sheets smaller than CROSS Standard Sizes. However, Blank Strips, lengthwise and widthwise, can be manufactured in standard size sheets, to provide units not smaller than 24" x 36", with blank margin not wider than 1" on 4-sides. Lengthwise and Widthwise extras apply.

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CROSS PERFORATED SHEETS are protected with heavy cardboard and substantial crates to prevent damage in transit.

# **DECIMAL EQUIVALENTS OF FRACTIONAL PARTS OF AN INCH**

1/16	1/32	1/64	.0156	9/16	33/64	.5156
			.0312		17/32	.5312
		3/64	.0468		35/64	.5468
			.0625			.5625
1/8	3/32	5/64	.0781	5/8	37/64	.5781
			.0937		19/32	.5937
		7/64	.1093		39/64	.6093
			.1250			.6250
3/16	5/32	9/64	.1406	11/16	41/64	.6406
			.1562		21/32	.6562
		11/64	.1718		43/64	.6718
			.1875			.6875
1/4	7/32	13/64	.2031	3/4	45/64	.7031
			.2187		23/32	.7187
		15/64	.2343		47/64	.7343
			.2500			.7500
5/16	9/32	17/64	.2656	13/16	49/64	.7656
			.2812		25/32	.7812
		19/64	.2968		51/64	.7968
			.3125			.8125
3/8	11/32	21/64	.3281	7/8	53/64	.8281
			.3437		27/32	.8437
		23/64	.3593		55/64	.8593
			.3750			.8750
7/16	13/32	25/64	.3906	15/16	57/64	.8906
			.4062		29/32	.9062
		27/64	.4218		59/64	.9218
			.4375			.9375
1/2	15/32	29/64	.4531	1	61/64	.9531
			.4687		31/32	.9687
		31/64	.4843		63/64	.9843
			.5000			1.0000



## SPECIFICATIONS—

### CROSS QUALITY METALS

CROSS PERFORATED SHEETS AND COILS—A Plus Quality Product—are manufactured of CROSS Special Metals, which have been developed in close collaboration with the Metallurgical and Processing Departments of leading mills, to CROSS specifications of chemical and physical properties, extremely close tolerances, uniform quality and finish. Hundreds of tons of CROSS Quality Sheets and Coils, not Perforated, are stocked in the CROSS plant, in a wide variety of Sizes and Gauges.

### CROSS "Q" Quality Steel

A general purpose Steel, especially made for specifications requiring light Gauges. Can be sheared, formed, welded, painted, plated, and otherwise fabricated and finished, ECONOMICALLY. This Steel is Cold Rolled, Water White in color, Satin Finish.

"Q" Steel Gauge No.	Decimal Thickness Inches	Blank Weight lbs. per sq. ft.
26	.018	.75
24	.024	1.00
22	.03	1.25
20	.036	1.50
18	.048	2.00
16	.06	2.50

#### STANDARD SHEETS

24" 30" 36" and 48" Wide by 96" Long

24" 36" and 48" Wide by 120" Long

*Plus or Minus Mill Tolerances*

#### STANDARD COILS

36" and 48" Wide

CROSS Designing and Engineering Departments, and the CROSS Distribution System are geared to the forward movement of American industry.

Our services include the development of CROSS Standard Specifications to meet individual requirements.

*We invite you to use these services.*

Product Guaranteed Within Cross Standard Manufacturing Variations, Tolerances and Classifications.

## CROSS "Z" Quality Steel

A NEW Process Galvanized Steel, pre-finished with a Non-Peeling, Rust-Resisting, Zinc coating, smooth Satin Finish. Can be formed, welded, and generally fabricated.

"Z" Steel Gauge No.	Decimal Thickness Inches	Blank Weight lbs. per sq. ft.
26	.022	.91
24	.028	1.16
22	.034	1.41
20	.040	1.66
18	.052	2.16

### STANDARD SHEETS

36" Wide by 96" and 120" Long

48" Wide by 120" Long

*Plus or Minus Mill Tolerances*

### STANDARD COILS

36" and 48" Wide

## CROSS "A" Quality Aluminum

3003-H14 — Alloyed and Tempered for easy forming and fabricating.

B & S Gauge No.	Decimal Thickness Inches	Blank Weight lbs. per sq. ft.
22	.025	.357
20	.032	.456
18	.040	.571
16	.050	.713
14	.063	.898

### STANDARD SHEETS

36" Wide by 96" and 120" Long

48" Wide by 120" Long

*Plus or Minus Mill Tolerances*

### STANDARD COILS

36" and 48" Wide



## CROSS Special Analysis Steels and Aluminum

*plus Cross Engineering and Cross Workmanship  
equal Maximum Production at Minimum Cost*

# PERFORATED

## CROSS "Q" QUALITY STEEL

Gauge Number Decimal Thickness (inches) Blank Weight (Lbs. Per Sq. Ft.)			#26 .018 .75	#24 .024 1.00	#22 .03 1.25	#20 .036 1.50	#18 .048 2.00	#16 .06 2.50
CROSS DESIGNS	PAGE NO.	OPEN % AREA	POUNDS PER SQUARE FOOT					
ACOUSTICAL	33	13.44	.65	.87	1.08	1.30	1.73	2.16
AIRLINE	34	68.					.64	.80
ARBOR	31	56.3				.66	.87	1.09
CAGE	24	51.			.61	.74	.98	1.23
CRYSTAL	6	34.6	.49	.65	.82	.98		
EMBASSY	15	27.9	.54	.72	.90	1.08		
EMPIRE	38	64.					.72	.90
FULL CLOVER LEAF	19	51.			.61	.74		
GATEWAY	37	38.		.62	.78	.93		
GEM	16	11.1	.67	.89	1.11	1.33		
GRECIAN	14	35.	.49	.65	.81	.98		
GUARD	9	47.95	.39	.52	.65	.78	1.04	1.30
IMPERIAL	36	33.6	.50	.66	.83	1.00		
JEWEL	21	18.4	.61	.82	1.02	1.22		
KASHMIR	25	40.9		.59	.74	.89		
LATTICE	7	52.9			.59	.71	.94	1.18
MEDALLION	30	20.3	.60	.80	1.00	1.20		
MOIRE	23	41.3	.44	.58	.73	.88	1.17	1.47
MOSAIC	17	40.		.60	.75	.90		
MOTIF	10	20.7	.60	.79	.99	1.19		
NORMANDY	11	47.1		.53	.66	.79		
OCTAGON CANE	29	36.	.48	.64	.80	.96		
PEG METAL (1/2" str. rows)	39	11.04	.67	.89	1.11	1.33	1.78	2.22
PEG METAL (1" str. rows)	39	2.57	.73	.97	1.22	1.46	1.95	2.44
REGAL	18	11.2	.67	.89	1.11	1.33		
ROCKET	28	32.7	.51	.67	.84	1.01		
ROMAN	22	55.5			.56	.67		
ROUND CANE	12	39.	.46	.61	.76	.92		
ROUND CLOVER LEAF	8	40.		.60	.75	.90		
STAR	13	33.3	.50	.66	.83	1.00		
TEMPLE	27	56.			.55	.66		
TRELLIS	32	66.				.51	.68	.85
TROJAN	35	20.9	.59	.79	.99	1.19		
UTILITY	26	40.28	.45	.60	.75	.90	1.19	1.49
WINDSOR	20	44.7			.69	.83		

# WEIGHT TABLES

## CROSS "Z" QUALITY STEEL

## CROSS "A" QUALITY ALUMINUM

#26 .022 .91	#24 .028 1.16	#22 .034 1.41	#20 .040 1.66	#18 .052 2.16	#22 .025 .357	#20 .032 .456	#18 .040 .571	#16 .050 .713	#14 .063 .898
POUNDS PER SQUARE FOOT					POUNDS PER SQUARE FOOT				
.79	1.00	1.22	1.44	1.87	.31	.39	.49	.62	.78
			.53	.69				.23	.29
		.62	.73	.94				.31	.39
		.69	.81	1.06	.17	.22	.28	.35	.44
.60	.76	.92	1.09		.23	.30	.37	.47	.59
.66	.84	1.02				.33	.41	.51	.65
			.60	.78				.26	.32
	.57	.69				.22	.28	.35	.44
.56	.72	.87			.11	.28	.35	.44	.56
.81	1.03	1.25			.32	.41	.51	.64	.80
.59	.75	.92			.23	.30	.37	.46	.58
.47	.60	.73	.86	1.12	.19	.24	.30	.37	.47
.60	.77	.94			.24	.31	.38	.48	.60
.74	.95	1.15			.29	.37	.47	.58	.73
.54	.69	.83			.21	.27	.34	.42	.53
		.66	.78	1.02		.21	.27	.33	.42
.73	.92	1.12			.28	.36	.45	.57	.72
.53	.68	.83	.97	1.27	.20	.26	.33	.42	.53
.55	.70	.85			.21	.27	.34	.43	.54
.72	.92	1.12	1.48		.28	.36	.45	.57	.71
.48	.61	.75			.19	.24	.30	.38	.47
.58	.74	.90	1.06		.23	.29	.36	.46	.57
.81	1.03	1.25	1.48	1.92	.32	.41	.51	.64	.80
.89	1.13	1.37	1.62	2.10	.35	.44	.56	.69	.87
.81	1.03	1.25			.32	.41	.51	.64	.80
.61	.78	.95			.24	.31	.38	.48	.60
		.63	.74			.20	.25	.31	.40
.56	.63	.86	1.01		.22	.28	.35	.43	.55
.55	.70	.85			.21	.27	.34	.43	.54
.60	.77	.94			.24	.31	.38	.48	.60
	.51	.62				.20	.25	.31	.39
		.48	.56	.73				.24	.31
.72	.92	1.12			.28	.36	.45	.57	.71
.54	.69	.84	.99	1.29	.21	.27	.34	.42	.53
	.64	.78				.25	.32	.39	.49

**CROSS**

**STANDARDS  
OF  
PERFORATED  
METAL  
ORNAMENTAL  
DESIGNS**

**SOUTH WEST MILL SUPPLY CO.  
P. O. BOX 7455  
NORTH KANSAS CITY, MO.**